

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6679597".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/16 08:31
L2	0	L1 and thermoplastic	US-PGPUB; USPAT	ADJ	ON	2006/11/16 08:32
L3	1	"4157974".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/16 09:25
L4	0	L3 and thermoplastic	US-PGPUB; USPAT	ADJ	ON	2006/11/16 08:32
S1	37913	(colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	US-PGPUB; USPAT	ADJ	ON	2006/11/14 10:09
S3	188	S1 and ((liquid not dry) toner)	US-PGPUB; USPAT	ADJ	ON	2006/11/13 12:58
S4	4	S3 and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/13 12:46
S5	24	S3 and (((graft or amphilic or amphipathic) near4 (\$8polymer or resin or binder)) or organosol)	US-PGPUB; USPAT	ADJ	ON	2006/11/13 13:28
S6	0	S1 and liquid near\$4 ink	US-PGPUB; USPAT	ADJ	ON	2006/11/13 13:28
S7	15395	S1 and ink	US-PGPUB; USPAT	ADJ	ON	2006/11/13 13:28
S8	1476	S7 and (((graft or amphilic or amphipathic) near4 (\$8polymer or resin or binder)) or organosol)	US-PGPUB; USPAT	ADJ	ON	2006/11/13 13:29
S9	236	S7 and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/13 13:31
S10	72	S9 and charge control (agent or director)	US-PGPUB; USPAT	ADJ	ON	2006/11/13 13:31
S11	37913	(colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	US-PGPUB; USPAT	ADJ	ON	2006/11/13 15:31
S12	188	S11 and (liquid not dry) toner	US-PGPUB; USPAT	ADJ	ON	2006/11/14 09:41
S13	2	("4946753") or ("5262259").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/13 16:30

## EAST Search History

S14	464	430/114.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 09:42
S15	71	S14 and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/14 09:42
S16	51	S15 and charge control (agent or dispersent or additive or adjuvant)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 09:43
S17	1	S16 and (polyethylene vinylacetates or polyethylene vinylacetate/acid terpolymers or polyethylene acrylic acid copolymers or polyethylene methacrylic acid copolymers or polyethylene acrylate copolymers or polyethylene methacrylate copolymers or polyacrylate resins or polymethacrylate resins or polystyrene acrylic acid copolymers or polystyrene methacrylate copolymers or rosin ester resins and modified rosins)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 09:46
S18	33	S16 and (polyethylene vinylacetates or polyethylene vinylacetate/acid terpolymers or polyethylene acrylic acid or polyethylene methacrylic acid or polyethylene acrylate or polyethylene methacrylate or polyacrylate resins or polymethacrylate resins or polystyrene acrylic acid or polystyrene methacrylate or rosin ester resins and modified rosins)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 11:33
S19	33	S18 and (colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	US-PGPUB; USPAT	ADJ	ON	2006/11/14 12:54
S20	1	"7130107".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 11:33
S21	0	S20 and (polyethylene vinylacetates or polyethylene vinylacetate/acid terpolymers or polyethylene acrylic acid or polyethylene methacrylic acid or polyethylene acrylate or polyethylene methacrylate or polyacrylate resins or polymethacrylate resins or polystyrene acrylic acid or polystyrene methacrylate or rosin ester resins and modified rosins)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 11:34

## EAST Search History

S22	464	430/114.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 12:54
S23	71	S22 and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:04
S24	51	S23 and charge control (agent or dispersent or additive or adjuvant)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:06
S25	33	S24 and (polyethylene vinylacetates or polyethylene vinylacetate/acid terpolymers or polyethylene acrylic acid or polyethylene methacrylic acid or polyethylene acrylate or polyethylene methacrylate or polyacrylate resins or polymethacrylate resins or polystyrene acrylic acid or polystyrene methacrylate or rosin ester resins and modified rosins)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 12:55
S26	0	S25 and (colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	EPO; JPO	ADJ	ON	2006/11/14 16:17
S27	214	430/114.ccls.	EPO; JPO	ADJ	ON	2006/11/14 12:54
S28	1	S27 and organosol	EPO; JPO	ADJ	ON	2006/11/14 12:54
S29	17	S27 and (colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	EPO; JPO	ADJ	ON	2006/11/14 13:03
S30	0	S29 and (polyethylene vinylacetates or polyethylene vinylacetate/acid terpolymers or polyethylene acrylic acid or polyethylene methacrylic acid or polyethylene acrylate or polyethylene methacrylate or polyacrylate resins or polymethacrylate resins or polystyrene acrylic acid or polystyrene methacrylate or rosin ester resins and modified rosins)	EPO; JPO	ADJ	ON	2006/11/14 12:55
S31	144	430/137.11.ccls.	EPO; JPO	ADJ	ON	2006/11/14 13:04
S32	0	S31 and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:05

## EAST Search History

S33	22	S31 and (colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	EPO; JPO	ADJ	ON	2006/11/14 13:26
S34	0	S33 and charge control (agent or dispersent or additive or adjuvant)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:04
S35	168	430/137.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:04
S36	1	S35 and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:05
S37	99	S35 and (colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:05
S38	56	S37 and charge control (agent or dispersent or additive or adjuvant)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:19
S39	12950	amphipathic and acid	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:19
S40	319	430/110.2.ccls.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:20
S41	9	S39 and S40	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:25
S42	1	"20040265722".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 13:25
S43	0	S42 and (colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	EPO; JPO	ADJ	ON	2006/11/14 16:24
S44	0	"20040091805".pn.	EPO; JPO	ADJ	ON	2006/11/14 14:14
S45	1	"20040091805".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 14:34
S46	1	"4157974".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 14:39

## EAST Search History

S47	31	(aliphatic near\$6 amino) or (nitrogen near\$4 containing near\$4 heterocyclic vinyl monomers) or (N-vinyl amide monomer) or (aromatic substituted ethylene monomers) or (nitrogen vinylether monomers)	US-PGPUB; USPAT	ADJ	ON	2006/11/14 14:44
S48	0	S47 and S35 and S22	US-PGPUB; USPAT	ADJ	ON	2006/11/14 14:44
S49	9843	(colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) and (thermoplastic resin or resin or \$4polymer or binder))	EPO; JPO	ADJ	ON	2006/11/14 16:20
S50	3	S49 and organosol	EPO; JPO	ADJ	ON	2006/11/14 16:18
S51	1	(colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) same ((immersed or dissolved or solv\$6 or added) near4 (organosol or graft \$7polymer)))	EPO; JPO	ADJ	ON	2006/11/14 16:25
S52	16	(colorant or dye or pigment or visual enhancement additive) near4 ((coat\$4 or bound\$2 or bind\$4 or bond\$3 or cover\$4 or encaps\$8) same ((immersed or dissolved or solv\$6 or added) near4 (organosol or graft \$7polymer)))	US-PGPUB; USPAT	ADJ	ON	2006/11/14 16:26
S53	1	"20040265724".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/14 16:28
S54	1	"20050078984".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/15 10:24
S55	0	S54 and dispersent	US-PGPUB; USPAT	ADJ	ON	2006/11/15 10:26
S56	1	S54 and dispersing agent	US-PGPUB; USPAT	ADJ	ON	2006/11/15 10:26
S57	253	((coat\$4 or cover\$4 or shell) near4 (pigment or dye or colorant or visual enhancement additive)) and organosol	US-PGPUB; USPAT	ADJ	ON	2006/11/15 10:52
S58	27	((coat\$4 or cover\$4 or shell) near4 (pigment or dye or colorant or visual enhancement additive)) same ((mix\$4 or add\$7 or react\$4 or admix\$4) near3 (organosol or amphipathic or amphiphilic))	US-PGPUB; USPAT	ADJ	ON	2006/11/15 10:57

## EAST Search History

S59	1	"6679597".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/16 08:31
S60	0	S59 and charge control	US-PGPUB; USPAT	ADJ	ON	2006/11/15 14:55
S61	1	S59 and charge	US-PGPUB; USPAT	ADJ	ON	2006/11/15 15:26
S62	1	"20050160938".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/15 15:26
S63	1	S62 and carrier liquid	US-PGPUB; USPAT	ADJ	ON	2006/11/15 15:48
S64	1	S59 and carbon black	US-PGPUB; USPAT	ADJ	ON	2006/11/15 16:07
S65	1	"20020006571".pn.	US-PGPUB; USPAT	ADJ	ON	2006/11/15 16:08